

Name: \_\_\_\_\_

Teacher: \_\_\_\_\_

Algebra Pd: \_\_\_\_\_

\_\_\_\_\_  
Day      Month      Year

**Writing Equations of Lines in  
Point-Slope Form  
(Lesson 1.14)**

**Part One: Write the equation of the line in POINT-SLOPE form.**

1. that has a slope of -1 and passes through (3, 9)

2. that has a slope of  $\frac{12}{13}$  and passes through (-13, 90)

3. that has a slope of  $\frac{5}{4}$  and passes through (-2, -16).

4. that passes through (2, 3) and (-9, 36)

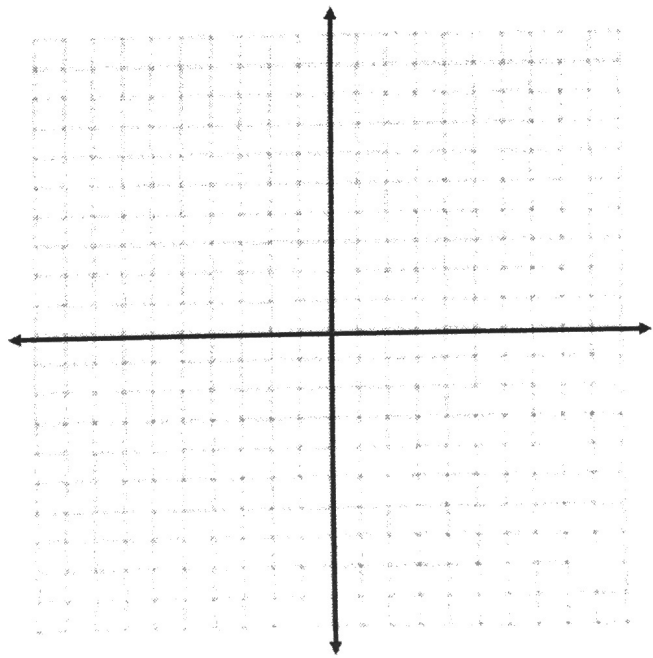
5. that passes through (-8, -3) and (-2, 9)

6. that passes through (134, -78) and (23, -90)

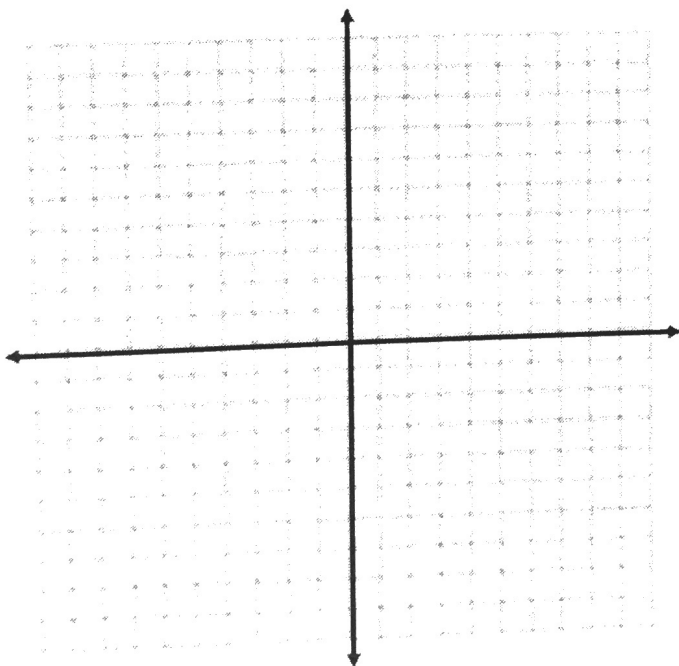
**TURN OVER FOR PART TWO!**

**Part Two: Graphing: Please graph each line. Be sure to name and extend your lines!**

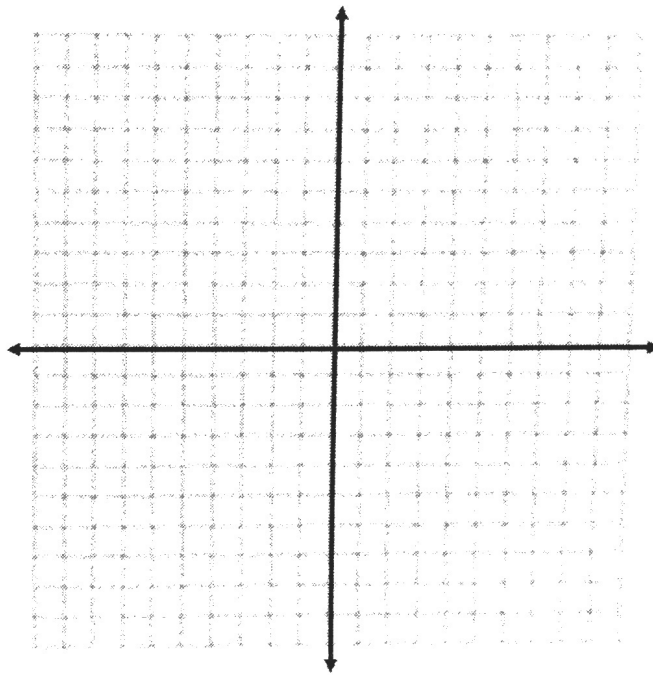
7.  $y - 3 = \frac{5}{4}(x + 2)$



8.  $y + 8 = -(x - 1)$



9.  $y + 2 = 6(x + 1)$



10.  $y - 1 = x + 5$

